Temporary Roofing

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Objectives

- ATL will be able to
  - Identify the critical features and issues related to the Temporary Roofing Mission
  - Recognize the roles the ATL will have in working with the Temporary Roofing Action Officer and possibly the Mission Manager

Mission Description

- Purpose: To provide emergency temporary roof repair services.
  - Coordinate the roofing activities of all organizations performing portions of the roofing mission (e.g. National Guard and private voluntary organizations).
  - Includes supplies, equipment, materials and logistics support necessary to provide temporary roofing to homes, hospitals, public facilities and other structures (real estate support necessary for Rights of Entry and leasing authorization)

Preparedness

- Review specs on plastic
- Select and train alternate PRT members
- Review SOW / ACI Contracts
- Review/revise SOP
- Identify quantities of roll plastic available
- Identify vendor lists
- Check your ROE Application forms
- Tracking database
- Lead Division Coordination

Pre-Disaster

- Supported Division determine status of organic PRT capability
- UOC places appropriate Roofing PRT on alert
- FEMA may pre-position plastic rolls & sheets
- Pre-disaster mission assignment for Temporary Roofing issued by FEMA
  - Provides funding for pre-deployment of Management Element of Temporary Roofing PRT (AO, MM, MS, CS & Res. Engr.).
  - For Pre-deployment on Hurricane Dennis, MVD deployed five people. The MM, MS & Contracting Specialist were sent to Vicksburg and AO & SME to state EOC in Baton Rouge. For Katrina, the AO went to the Mississippi EOC and the SME went to the Louisiana EOC. The others still went to Vicksburg.

Post-Disaster

- Emergency Response Team-Advance (ERT-A) in conjunction with PRT Management Element evaluates need for federal assistance
- ESF#3 receives mission assignments for temporary roofing from FEMA
  - Requires the activation of the PRT Support Element
  - UOC issues tasker to activate Support Element

Mission Scoping

- Coordination-ESF 5, Red Cross, State, Local
- Geographical-CONUS, OCONUS
- Political
- Length
- Responsibilities for application process & Rights of Entry
- Rate of execution-Ramping Up
- Execution factors (limited resources, etc.)
- Manpower requirements

Mission Scoping

- Management Element meets with FEMA, state and local POC (Civil Defense Director or local official designated for temp roofing)
  - Establish priorities
  - Establish reasonable daily execution/production rates.
  - Establish zones or sub-delineate areas.
  - Identify projected end state

Mission Execution

- Manages entire roofing mission:
  - Corps contractors
  - Volunteer groups (VOLAGs)
  - Local government & private contractors
  - National Guard/Reserve Assets

Mission Execution

- Corps contracts
  - Requirements Contracts
  - Indefinite Delivery Indefinite Quantity (IDIQ)
  - Small Purchase Contracts
  - Advantages
    - Control over quality of work
    - Track work completed in a timely matter
  - Disadvantages
    - Slow to get work started and low initial production rate

Mission Execution

- VOLAGs
  - Church groups / Neighborhood groups.
  - Advantages
    - Cadre of folks wanting to help their fellow man.
    - Able to repair roofs which fall beyond 50% rule.
  - Disadvantages
    - Limited capabilities due to small numbers .
    - May require additional resources (lumber, nails, tools, etc.) and training.
    - Difficult to track progress due to separate efforts.

Mission Execution

- Local Government & Private Contractors
  - Public Works Department crews or contractors
  - Advantages
    - Quick mobilization due to already being on board
    - Able to repair roofs which fall beyond 50% rule
  - Disadvantages
    - Limited availability due to other disaster response efforts
    - May require training on proper installation
    - Timely reporting of completed installations

Mission Execution

- National Guard/Reservists Assets
  - National Guard can be called to active duty
  - Reservists dependent upon volunteers
  - Advantages
    - Valuable resource for geography & linguistic issues
    - Able to respond to special installation situations
  - Disadvantages
    - Must work the proper procedures for activation
    - Require training on proper installation
    - Require additional support in materials
    - Timely reporting of completed installations

Closeout

- Mission termination occurs when state/local resources are capable of handling the remaining workload
  - –PRT AO in conjunction with FEMA/State, MM and Resident Engineer will determine mission physical closeout
- Fiscal closeout by Project / Mission Manager from the Supported District/Division

Summary

- Issues and Concerns
  - Expectation is temp roofing to be installed “yesterday”
  - Need to be aware of “ramp-up” of production
    - Typically start off with small effort and then build up
  - Significant training effort needs to be expended up-front
    - Corps contractors, VOLAGs, municipality crews, and military units
  - Split work into workable units (zones, sectors)
  - Corps responsible for reporting of all roofing efforts
    - Accept numbers from others at face value (no verification)
  - Know where Corps crews are working

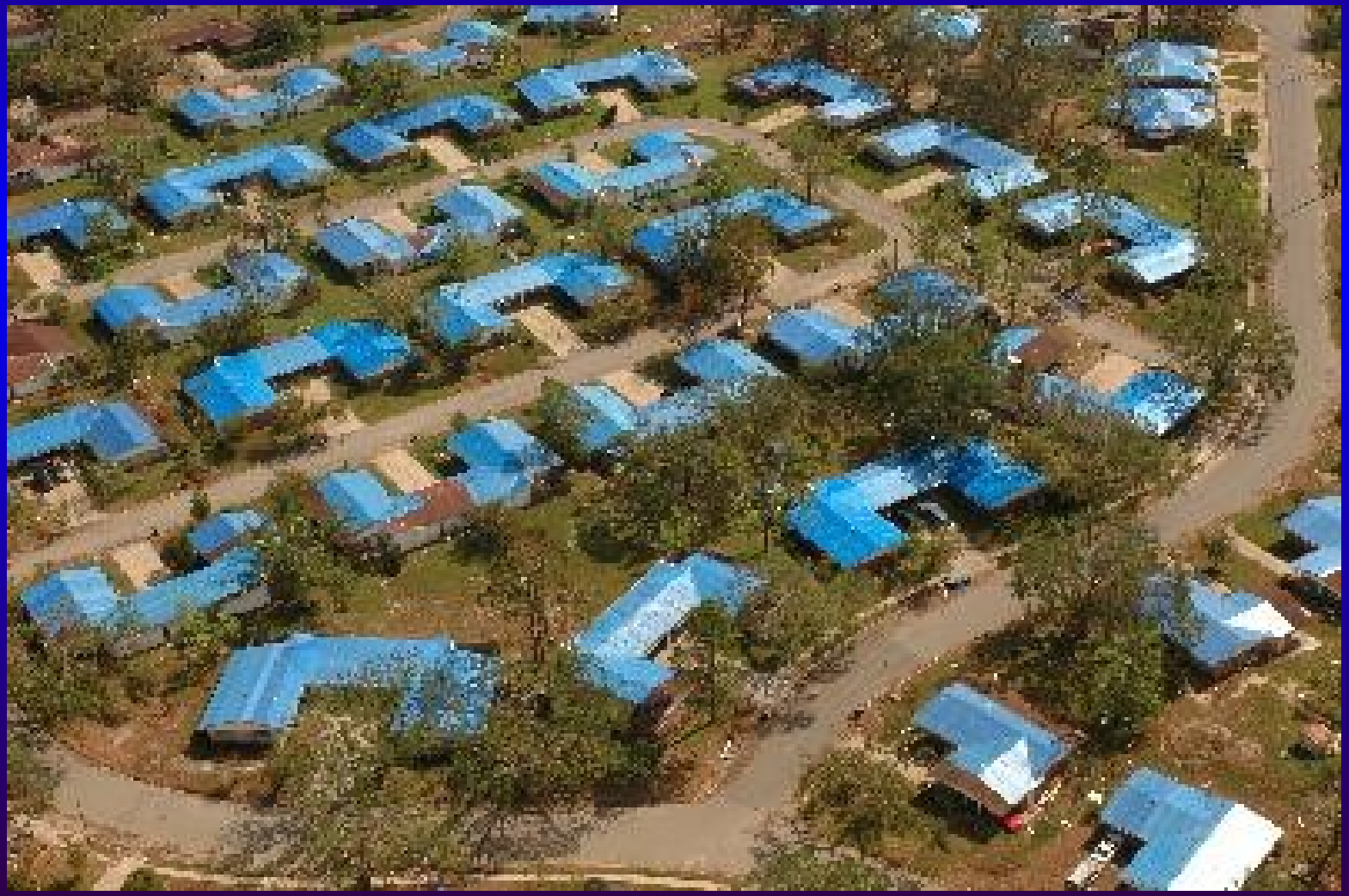
Summary

- Issues and Concerns
  - Public Affairs Concerns
    - Temp roofing is a high visibility mission due to blue roofs and red shirts
    - Media showing up at individual worksites unannounced
  - Plastic
    - Identification of plastic (clear and blue in identical boxes)
    - Tracking of FEMA plastic in the que
    - Maintaining sufficient stocks for Corps contractors

Summary

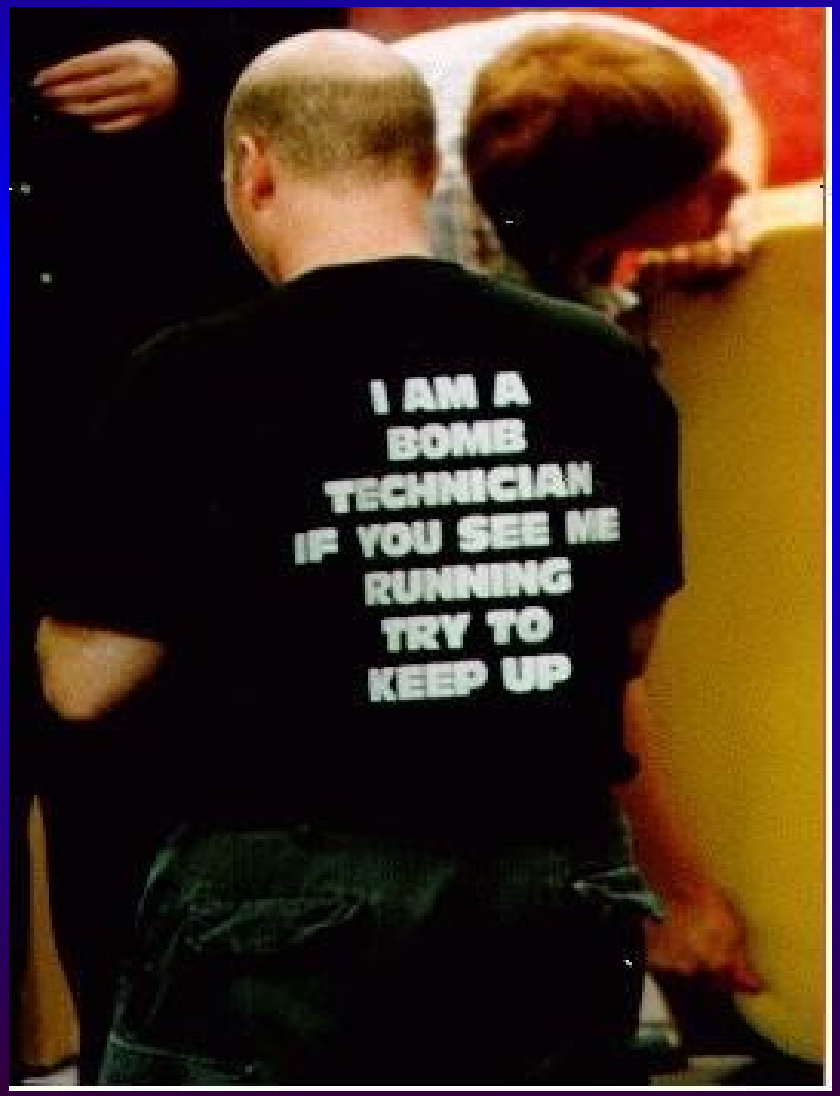
- Issues and Concerns (cont'd)
  - Political Awareness
    - Be aware of the political concerns and pressures, as rules and regulations are interpreted in a more lenient light
    - Corps must not show favoritism- remain unbiased

Case Study



Case Study

- Katrina
  - Louisiana 62,427
  - Mississippi 47,977
- Issues
  - Lack of QA's to do assessments delayed ramp up
  - Lodging of QA's
  - Availability of gas for vehicles
  - Security of personnel
  - Ability to communicate


I AM A
BOMB
TECHNICIAN
IF YOU SEE ME
RUNNING
TRY TO
KEEP UP

Group Activity

- Given:
  - 2 Days after event (Cat 3 hurricane)
  - Anticipate 75,000 homes and public buildings must be considered (will apply)
  - Still under Pre-Dec mission (no Presidential)
- Issue:
  - How do you determine requirements?
  - How do you estimate the quantities required?
    - Plastic?
    - QA personnel?
  - What about housing workers? (USACE and possibly Contractors)

Group Activity

- Limiting Factors:
  - QA
  - ROE
  - Available material

Temporary Roofing

Questions ?